

What is claimed is:

[Claim 1] 1. A load carrier foot for mounting a load carrier bar on the roof of a vehicle, said load carrier foot comprising:

a foot part having a base part and a housing part, the foot part having an upper end for attachment to the load carrier bar, and the foot part having a lower end for mounting on a roof edge area on the vehicle, the foot part having a clamping plate for securing the foot part to the roof of the vehicle, the clamping plate having integral gripping means for gripping a body fold located under a body edge area of the vehicle, the clamping plate being in pivotable engagement with the foot part by means of a pivot pin and in tightenable engagement with the foot part by means of a tightening arrangement, the foot part and the clamping plate each having contact faces which are located under the pivot pin when the load carrier foot is secured to the vehicle roof, which faces interact in a locking manner to prevent the clamping plate from turning about the pivot pin and causing the gripping means to lose its grip on the body fold when the clamping plate is tightened against the foot part, wherein the pivot pin is pivotably connected to the foot part, the clamping plate and the foot part each have contact faces which are located above the pivot pin and which interact in a locking manner, and which further prevent the clamping plate gripping means from losing its grip on the body fold when the clamping plate is tightened by the tightening arrangement.

[Claim 2] 2. The load carrier foot as recited in claim 1, wherein the pivot pin is connected to walls included in the housing part.

[Claim 3] 3. The load carrier foot as recited in claim 1, wherein the housing part has walls formed with channels into which the pivot pin is seated.

[Claim 4] 4. The load carrier foot as recited in claim 1, wherein the tightening means includes a screw threaded into a tapped hole in the pivot pin.

[Claim 5] 5. The load carrier foot as recited in claim 1, wherein the clamping plate is movable in a downward direction with respect to the foot part for enabling the contact faces to become separated for removing the load carrier foot from the roof of the vehicle.

[Claim 6] 6. A load carrier foot for mounting a load carrier bar on a roof of a vehicle, the load carrier foot comprising:

a foot part having an upper end for attachment to the load carrier bar, and a lower end for mounting on a roof edge area; and
a clamping plate for gripping a body fold of the vehicle and securing the foot part to the roof of the vehicle, the clamping plate being coupled to the foot part by a tightening mechanism and a pivot pin in pivotable engagement with the foot part, wherein the foot part and the clamping plate are each provided with contact faces above and below the pivot pin, the contact faces interacting in a locking manner to prevent the clamping plate from turning about the pivot pin and losing a grip on the body fold when the clamping plate is tightened against the foot part.

[Claim 7] 7. The load carrier foot as recited in claim 6, wherein the foot part has housing walls, and the pivot pin is connected to the housing walls of the foot part.

[Claim 8] 8. The load carrier foot as recited in claim 6, wherein the foot part has housing walls formed with channels into which the pivot pin is seated.

[Claim 9] 9. The load carrier foot as recited in claim 6, wherein the tightening mechanism includes a screw threaded into a tapped hole in the pivot pin.

[Claim 10] 10. The load carrier foot as recited in claim 6, wherein the clamping plate is movable in a downward direction with respect to the foot part for enabling the contact faces to become separated for removing the load carrier foot from the roof of the vehicle.

[Claim 11] 11. A load carrier foot for mounting a load carrier bar on a roof of a vehicle, the load carrier foot comprising:

a foot part having an upper end for attachment to the load carrier bar, and a lower end for mounting on a roof edge area; and
a clamping plate for securing the foot part to the roof of the vehicle, the clamping plate having a gripping means for gripping a body fold of the vehicle, the clamping plate being coupled to the foot part by tightening means and a pivot pin in pivotable engagement with the foot part, wherein the foot part and the clamping plate are each provided with contact faces above and below the pivot pin, the contact faces interacting in a locking manner to prevent the clamping plate from turning about the pivot pin and causing the gripping means to lose its grip on the body fold when the clamping plate is tightened against the foot part.

[Claim 12] 12. The load carrier foot as recited in claim 11, wherein the foot part has housing walls, and the pivot pin is connected to the housing walls of the foot part.

[Claim 13] 13. The load carrier foot as recited in claim 11, wherein the foot part has housing walls formed with channels into which the pivot pin is seated.

[Claim 14] 14. The load carrier foot as recited in claim 11, wherein the tightening means includes a screw threaded into a tapped hole in the pivot pin.

[Claim 15] 15. The load carrier foot as recited in claim 11, wherein the clamping plate is movable in a downward direction with respect to the foot part for enabling the contact faces to become separated for removing the load carrier foot from the roof of the vehicle.